

## ABSTRACT

1 An electrical connector including a housing having a  
2 deflectable cantilevered mating connector latch arm,  
3 electrical contacts connected to the housing; and a  
4 connector position assurance (CPA) member movably mounted  
5 to the housing between an open position and a closed  
6 position. The CPA member comprising a top section and  
7 two downwardly extending rails. Each rail has a bottom  
8 end adapted to contact a shorting clip of a mating  
9 electrical connector and move the shorting clip off of  
10 connection with contacts of the mating electrical  
11 connector. The first rail includes a wedge surface and a  
12 detent locating surface. The wedge surface is adapted to  
13 be contacted by the mating electrical connector to  
14 deflect the first rail. When the CPA member is moved to  
15 the closed position, the detent locating surface is  
16 adapted to be positioned below a detent surface of the  
17 housing to retain the CPA member in the closed position.